

**REMARKS/ARGUMENTS**

Claims 1-21 are pending in the application. The Applicant hereby requests further examination and reconsideration of the application in view of the foregoing amendments and these remarks.

In paragraph 1 of the office action, the Examiner objected to the drawings because of an informality. In response, the Applicant submits herewith a Transmittal of Corrected Drawing(s) to correct an inadvertent typographical error by amending Fig. 3 to refer to the input port unit as 204A instead of 202A. The Applicant submits therefore that this objection to the drawings is overcome.

In paragraph 2, the Examiner objected to the drawings under 37 CFR 1.83(a), stating that the drawings do not show an element that divides a sub-signal into one or more subsets of data. In paragraph 3, the Examiner rejected claims 1-21 under 35 U.S.C. § 112, first paragraph, as failing to adequately teach how to make and/or use the invention. In particular, the Examiner stated that the statement "dividing the sub-signal into one or more subsets of data" in step (1) of claims 1, 11, and 12 is not clearly described in the specification. The Examiner stated further that Fig. 3 does not show any element that divides the sub-signal into one or more subsets of data. In response to these objections and rejections, the Applicant has amended the specification to add new Fig. 5, which explicitly shows the corresponding processing performed by each checksum generator. Support for new Fig. 5 is found on page 7, lines 14-19, and in claim 1. In view of these amendments, the Applicant submits that the objection to the drawings under 37 CFR 1.83(a) and the rejections of the claims based on § 112, first paragraph, have been overcome.

Attached hereto is a clean version of the changes made to the specification by the current amendment, beginning with the caption "Clean version with changes incorporated."

In view of the above amendments and remarks, the Applicant believes that the pending claims are in condition for allowance. Therefore, the Applicant believes that the entire application is now in condition for allowance, and early and favorable action is respectfully solicited.

Respectfully submitted,

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